



PF 1700

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/072811
	<b>Filing Date</b>	February 8, 2002
	<b>First Named Inventor</b>	Joan Wang
	<b>Group Art Unit</b>	1763
	<b>Examiner Name</b>	Roberts P. Culbert
Total Number of Pages in This Submission	<b>Attorney Docket Number</b>	LIGHT1901

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ENCLOSURES (check all that apply)		
Fee Transmittal Form	Assignment Papers <i>(for an Application)</i>	After Allowance Communication to Group
Fee Authorized	Drawing(s)	Appeal Communication to Board of Appeals and Interferences
X Amendment	Licensing-related Papers	Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
X After Final	Petition to Convert to a Provisional Application	Proprietary Information
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) <i>(please identify below):</i>
Express Abandonment Request	Request for Refund	X Postcard
Information Disclosure Statement	CD, Number of CD(s) _____	
Certified Copy of Priority Document(s)	Remarks	
Response to Missing Parts/ Incomplete Application		
Response to Missing Parts under 37 CFR 1.52 or 1.53		

Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)
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The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2326. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: 7/23/03

By: [Signature]

Phone: (760) 731-3091  
Fax: (760) 728-1541

Attorneys for Applicant(s)

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail			
In an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231 on this date: <u>2/23/03</u>			
Typed or printed name	TRAVIS DODD		
Signature	<u>[Signature]</u>	Date	<u>2/23/03</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joan Wang

Serial No.: 10/072,811

Filed: February 8, 2002

For: **Formation of an Optical Component Having Smooth Sidewalls**

Group No.: 1763

Examiner: Roberts P. Culbert

Docket No. LIGHT1901

CERTIFICATION UNDER 37 CFR § 1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date 2/23/03, in an envelope addressed to:  
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BOX AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AND REQUEST FOR RECONSIDERATION**

In response to the Office Action mailed April 23, 2003, please amend the application as follows:

**IN THE SPECIFICATION**

Please amend paragraph [0004] as follows:

The amount of scattering at a surface increases as the roughness of the surface increases. The sidewalls of a waveguide are often formed by etching an optical component according to the Bosch process. The Bosch process employs alternating application of a passivant and an etchant. The alternating steps of the Bosch process result in sidewalls with an undesirably high level of roughness. For instance, the Bosch method typically provides a roughness of about 220 nm.

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